Docket: 630-041US

## <u>Abstract</u>

A technique is disclosed for improving the process of finding a location in a network from which to communicate with a wireless terminal and with a particular level of service. The illustrative embodiment of the present invention uses measurements associated with one or more wireless terminals in the network to determine a suitable location. The measurements are performed on electromagnetic signals radiated by each wireless terminal or from another source and are evaluated against characteristics such as throughput, error rate, and latency.